



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.

WASHINGTON, D.C. 20460

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DATA MATRIX

Date: Sept. 18, 2019	EPA Reg No./ File Symbol: 91813-8	Page 1 of 31
Applicant's/Registrant's Name and Address: UPL Delaware, Inc. 630 Freedom Business Center King of Prussia, PA 19406	Product: UPL Metalaxyl Technical	
Ingredient: Metalaxyl (CAS No. 57837-19-1)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			UPL Delaware, Inc.	OWN	
			UPL Delaware, Inc.	OWN	
			UPL Delaware, Inc.	OWN	
					Not applicable for technical
			UPL Delaware, Inc.	OWN	
			UPL Delaware, Inc.	OWN	
			UPL Delaware, Inc.	OWN	
			UPL Delaware, Inc.	OWN	
			UPL Delaware, Inc.	OWN	
			UPL Delaware, Inc.	OWN	
			UPL Delaware, Inc.	OWN	
			UPL Delaware, Inc.	OWN	
			UPL Delaware, Inc.	OWN	Waiver: does not contain oxidizing or reducing agents.
			UPL Delaware, Inc.	OWN	Waiver. Solid material and not flammable.
			UPL Delaware, Inc.	OWN	Waiver. Does not contain explosive materials.
			UPL Delaware, Inc.	OWN	
					Not applicable for TGAI

Signature

Name and Title

Nicole O'Loughlin, Consultant

Date

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DATA MATRIX

Date: Sept. 18, 2019	EPA Reg No./ File Symbol: 91813-8	Page 2 of 31
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Ingredient: Metalaxyl (CAS No. 57837-19-1)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			UPL Delaware, Inc.	OWN	
					Not applicable for TGAI
			UPL Delaware, Inc.	OWN	
			Albaugh, LLC	PAY	
					Not applicable to solids
			UPL Delaware, Inc.	OWN	
					Not applicable to solids
			UPL Delaware, Inc.	OWN	
			UPL Delaware, Inc.	OWN	
			UPL Delaware, Inc.	OWN	Waiver. TGAI is not a fibrous material or water-insoluble
			UPL Delaware, Inc.	OWN	
					See 830.7550
					See 830.7550
			UPL Delaware, Inc. UPL Delaware, Inc.	PL OWN	
					See 830.7840
			UPL Delaware, Inc.	OWN	
			UPL Delaware, Inc.	OWN	

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DATA MATRIX

Date: Sept. 18, 2019	EPA Reg No./ File Symbol: 91813-8	Page 3 of 31
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			UPL Delaware, Inc.	OWN	
			UPL Delaware, Inc.	OWN	
			UPL Delaware, Inc.	OWN	
			UPL Delaware, Inc.	OWN	
			UPL Delaware, Inc.	OWN	
			Metalaxyl Task Force	OLD PER	See endnote ¹
				OLD OLD OLD	See endnote ²
					Not required ³
			Metalaxyl Task Force Metalaxyl Task Force	OLD OLD OLD OLD PER PER	See endnote ⁴
					Not required ⁵

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Ingredient: Metalaxyl (CAS No. 57837-19-1)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Metalaxyl Task Force	OLD	See endnote ⁶
			Metalaxyl Task Force	OLD	
			Metalaxyl Task Force	OLD	
			Metalaxyl Task Force	OLD	
			Metalaxyl Task Force	OLD	
			Metalaxyl Task Force	PER	See endnote ⁷
			Metalaxyl Task Force	PER	
			Metalaxyl Task Force	PER	
			Metalaxyl Task Force	PER	
			Metalaxyl Task Force	PER	
			Metalaxyl Task Force	OLD	See endnote ⁸
			Metalaxyl Task Force	OLD	
			Metalaxyl Task Force	OLD	
			Metalaxyl Task Force	OLD	
			Metalaxyl Task Force	OLD	
			Metalaxyl Task Force	PER	See endnote ⁹
			Metalaxyl Task Force	PER	
			Metalaxyl Task Force	PER	
			Metalaxyl Task Force	PER	
			Metalaxyl Task Force	PER	
			Metalaxyl Task Force	OLD	See endnote ⁹
			Metalaxyl Task Force	PER	See endnote ¹⁰

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Ingredient: Metalaxyl (CAS No. 57837-19-1)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Metalaxyl Task Force	OLD PER	See endnote ¹¹
			Metalaxyl Task Force	PER	See endnote ¹²
					Not required ¹³
				OLD OLD	See endnote ¹⁴
					Not required ¹⁵
					Not required ¹⁶
					Not required ¹⁷
				OLD	See endnote ¹⁸
					Not required ¹⁹
					Not required ²⁰
					Not required
			Syngenta Crop Protection, LLC	PAY	See endnote ²¹
				OLD OLD	
			Metalaxyl Task Force	OLD OLD OLD PER	See endnote ²²

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				OLD OLD	See endnote ²³
				OLD	See endnote ²⁴
					Not required
				OLD OLD	See endnote ²⁵
					Not required
			Syngenta Crop Protection, LLC	PAY	See endnote ²⁶
				OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD	See endnote ²⁷

Signature 	Name and Title Nicole O'Loughlin, Consultant	Date Sept. 18, 2019
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DATA MATRIX

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Ingredient: Metalaxyl (CAS No. 57837-19-1)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	See endnote ²⁸
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	See endnote ²⁹
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	See endnote ³⁰
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
					Not required
				OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	See endnote ³¹
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	See endnote ³²
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	

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Ingredient: Metalaxyl (CAS No. 57837-19-1)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD	See endnote ³³
				OLD	
				OLD OLD OLD OLD OLD OLD	See endnote ³⁴
					Not required
				OLD OLD OLD	See endnote ³⁵
			Syngenta Crop Protection, LLC	PAY	See endnote ³⁶
			Agricultural Handler Exposure Task Force	OWN	See endnote ³⁷

Signature

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Ingredient: Metalaxyl (CAS No. 57837-19-1)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
					Not required
			Agricultural Handler Exposure Task Force	OWN	See endnote ³⁷
					Not required
					Not required
					Not required
					Not required
					Not required ³⁸
			Outdoor Residential Exposure Task Force	OWN	See endnote ³⁹
			Agricultural Re-Entry Task Force	OWN	
			Outdoor Residential Exposure Task Force	OWN	See endnote ³⁹
			Agricultural Re-Entry Task Force	OWN	
			Outdoor Residential Exposure Task Force	OWN	See endnote ³⁹
			Agricultural Re-Entry Task Force	OWN	
					Not required
					Not required
					Not required

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Ingredient: Metalaxyl (CAS No. 57837-19-1)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Spray Drift Task Force	OWN	See endnote ⁴⁰
			Spray Drift Task Force	OWN	See endnote ⁴⁰
			Metalaxyl Task Force	PER	See endnote ⁴¹
			Metalaxyl Task Force	PER	See endnote ⁴²
			Metalaxyl Task Force	OLD	See endnote ⁴³
			Metalaxyl Task Force	PER	
			Metalaxyl Task Force	PER	
			Metalaxyl Task Force	PER	
			Metalaxyl Task Force	PER	
			Metalaxyl Task Force	PER	See endnote ⁴¹
			Metalaxyl Task Force	PER	See endnote ⁴²
			Metalaxyl Task Force	OLD	See endnote ⁴³
			Metalaxyl Task Force	PER	
			Metalaxyl Task Force	PER	
			Metalaxyl Task Force	PER	
			Metalaxyl Task Force	PER	
					Not required ⁴⁴
					Not required ⁴⁵
			Metalaxyl Task Force	PER	
			Metalaxyl Task Force	PER	

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DATA MATRIX

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Ingredient: Metalaxyl (CAS No. 57837-19-1)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD OLD	See endnote ⁴⁶
				OLD	See endnote ⁴⁷
				OLD OLD	See endnote ⁴⁸
					Not required
				OLD OLD	See endnote ⁴⁹
				OLD	See endnote ⁵⁰
				OLD OLD	See endnote ⁵¹
				OLD	See endnote ⁵²
				OLD OLD OLD OLD OLD	See endnote ⁵³
				OLD OLD OLD OLD	
				OLD	See endnote ⁵⁴
					Not required

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				OLD OLD OLD OLD OLD OLD OLD	See endnote ⁵⁵
				OLD OLD	See endnote ⁵⁶
					Not required
					Not required
					Reserved ⁵⁷
			Metalaxyl EDSP Consortium	PAY	See endnote ⁵⁸
			Metalaxyl EDSP Consortium	PAY	See endnote ⁵⁹
			Metalaxyl EDSP Consortium	PAY	See endnote ⁶⁰
			Metalaxyl EDSP Consortium	PAY	See endnote ⁶¹
			Metalaxyl EDSP Consortium	PAY	See endnote ⁶²
			Metalaxyl EDSP Consortium	PAY	See endnote ⁶³
			Metalaxyl EDSP Consortium	PAY	See endnote ⁶⁴
			Metalaxyl EDSP Consortium	PAY	See endnote ⁶⁵
			Metalaxyl EDSP Consortium	PAY	See endnote ⁶⁶
			Metalaxyl EDSP Consortium	PAY	See endnote ⁶⁷

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DATA MATRIX

Date: Sept. 18, 2019	EPA Reg No./ File Symbol: 91813-8	Page 16 of 31
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Ingredient: Metalaxyl (CAS No. 57837-19-1)		

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			Metalaxyl EDSP Consortium	PAY	See endnote ⁶⁸
				OLD	See endnote ⁶⁹
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	

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DATA MATRIX

Date: Sept. 18, 2019	EPA Reg No./ File Symbol: 91813-8	Page 17 of 31
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Ingredient: Metalaxyl (CAS No. 57837-19-1)		

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				OLD	See endnote ⁷⁰
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	See endnote ⁷¹
				OLD	
				OLD	
				OLD	
				OLD	

Signature 	Name and Title Nicole O'Loughlin, Consultant	Date Sept. 18, 2019
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DATA MATRIX

Date: Sept. 18, 2019	EPA Reg No./ File Symbol: 91813-8	Page 18 of 31
Applicant's/Registrant's Name and Address: UPL Delaware, Inc. 630 Freedom Business Center King of Prussia, PA 19406	Product: UPL Metalaxyl Technical	
Ingredient: Metalaxyl (CAS No. 57837-19-1)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	See endnote ⁷²
				OLD	
				OLD	
				OLD	
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				Syngenta Crop Protection, Inc.	
			Syngenta Crop Protection, Inc.	PAY	
			Syngenta Crop Protection, Inc.	PAY	
			Signature		
			Nicole O'Loughlin, Consultant		Sept. 18, 2019



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DATA MATRIX

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Ingredient: Metalaxyl (CAS No. 57837-19-1)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	See endnote ⁷⁹
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	See endnote ⁸⁰
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	See endnote ⁸¹
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	See endnote ⁸²
				OLD	
				OLD	
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				OLD	
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				OLD	

Signature

Name and Title

Nicole O'Loughlin, Consultant

Date

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Ingredient: Metalaxyl (CAS No. 57837-19-1)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD OLD OLD	See endnote ⁸³
				OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD	See endnote ⁸⁴
				OLD OLD OLD OLD OLD OLD	See endnote ⁸⁵
				OLD OLD OLD OLD OLD OLD	
				OLD OLD OLD OLD OLD OLD	
				OLD OLD OLD OLD OLD OLD	

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Ingredient: Metalaxyl (CAS No. 57837-19-1)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Syngenta Crop Protection, LLC	OLD OLD OLD OLD OLD OLD OLD OLD OLD PAY	See endnote ⁸⁶
				OLD OLD OLD OLD OLD	See endnote ⁸⁷
				OLD OLD OLD OLD OLD	See endnote ⁸⁸
				OLD	See endnote ⁸⁹
				OLD OLD OLD	See endnote ⁹⁰

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD OLD OLD OLD	See endnote ⁹¹
				OLD OLD OLD OLD OLD OLD OLD OLD OLD	See endnote ⁹²
				OLD	See endnote ⁹³
				OLD	See endnote ⁹⁴
				OLD OLD OLD OLD OLD OLD OLD	See endnote ⁹⁵

Signature 	Name and Title Nicole O'Loughlin, Consultant	Date Sept. 18, 2019
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD	See endnote ⁹⁶
				OLD OLD	
				OLD OLD	See endnote ⁹⁷
				OLD	
				OLD	See endnote ⁹⁸
				OLD	See endnote ⁹⁹
				OLD OLD OLD	
				OLD OLD OLD	See endnote ¹⁰⁰

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DATA MATRIX

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Ingredient: Metalaxyl (CAS No. 57837-19-1)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	See endnote ¹⁰¹
				OLD	See endnote ¹⁰²
				OLD OLD OLD	See endnote ¹⁰³
				OLD	See endnote ¹⁰⁴
				OLD OLD OLD OLD OLD	See endnote ¹⁰⁵
				OLD OLD	See endnote ¹⁰⁶
				OLD	
				OLD OLD OLD OLD OLD OLD	See endnote ¹⁰⁷

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Ingredient: Metalaxyl (CAS No. 57837-19-1)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
					Not required
					Not required
					Not required
					Not required
				OLD	
				OLD OLD OLD OLD	See endnote ¹⁰⁸

Signature 	Name and Title Nicole O'Loughlin, Consultant	Date Sept. 18, 2019
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